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(57) Abstract:

PROBLEM TO BE SOLVED: To transmit a high frequency signal at a high speed, obtain sufficient shield effect, and reduce attenuation, by making up an outer conductor layer out of a metallized tape made by forming metal on an insulating tape and winding the metallized tape around a coaxial cable at a specific angle to the longitudinal axis thereof.

SOLUTION: A metallized tape is wound around a coaxial cable 1 at 0 to 25° to the longitudinal axis thereof. The coaxial cable 1 is equipped with a dielectric layer 5 formed by winding a porous tetrafluoroethylene resin tape 3 around an inner conductor 2 made up of silvered annealed copper wire at a center part and extrudingly coating it with thin-walled FEP, as a skin layer 4. A drain wire 6 is longitudinally attached to the dielectric layer 5, and, as an outer conductor layer 7, an aluminum polyester tape made by depositing Al on an insulating tape, or by sticking Al foil thereto, as metal for metallization, is wound around the

dielectric layer 5 and drain wire 6, and further, it is covered by an insulating outer cladding 8.